

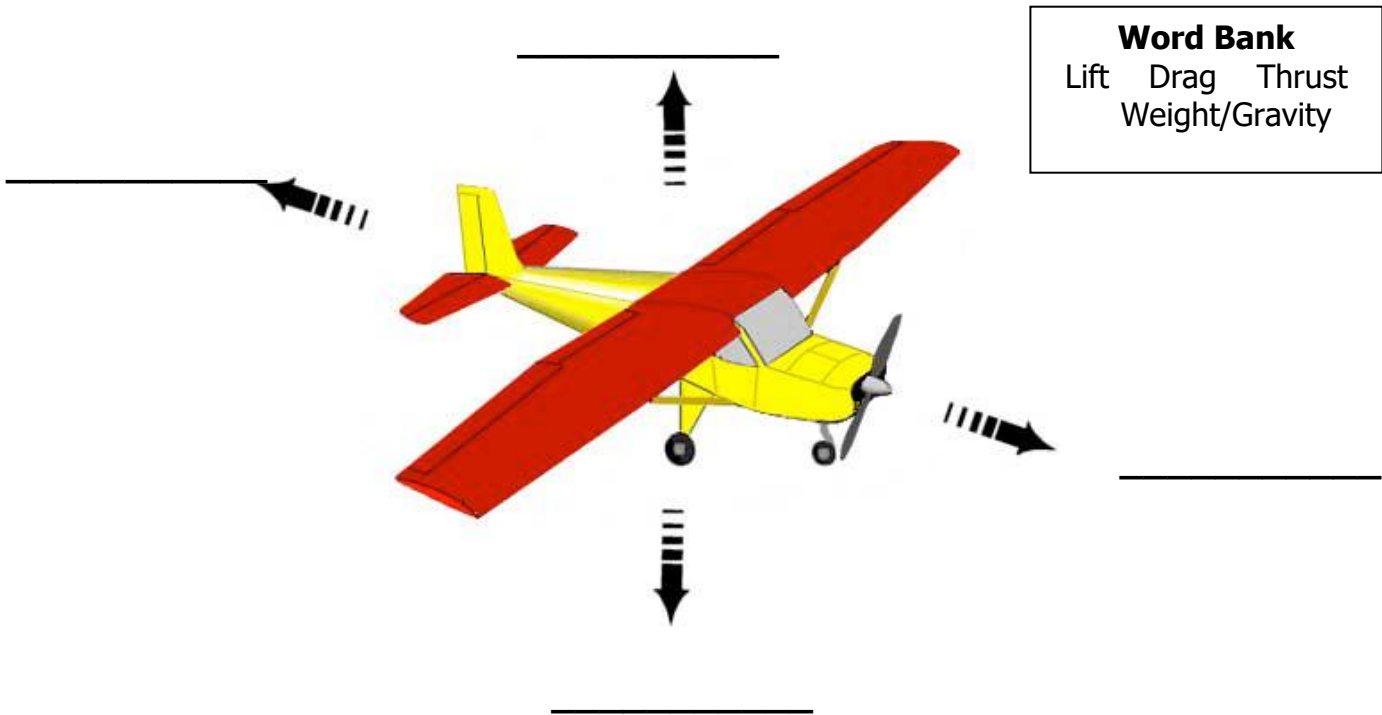


**NEW ENGLAND
AIR MUSEUM**

SOAR for STEM Grades 3-5 Pre-Visit Assessment

First Name: _____ **School:** _____

Label the four forces of flight that act on an airplane on the diagram using the word bank.



1. Weight (the measurement of Gravity) is what type of force? **Push or Pull**
2. Lift is an example of what type of force? **Push or Pull**
3. Drag is an example of what type of force? **Push or Pull**
4. Thrust is an example of what type of force? **Push or Pull**
5. An airplane's wings create what force? _____
6. An airplane's jet engine or propeller creates what force? _____